

6. Johnny

Program Name: Johnny.java

Input File: johnny.dat

A huge Star Trek fan for as long as he can remember, Johnny is fascinated with the Universal Translator used to help with communications between various species in the series. He decides to make up a simple lexicon of words that might be used by English speakers and Vulcans, using a different symbol to represent each word. For example, the word EARTH would be the symbol ", and VULCAN or VULCANS would be #. I or WE would be represented by the ! symbol, IS or AM or ARE would all be represented by =.

Here is a subset of a much larger collection of words that might be used to symbolize these different ideas.

```
! I/WE
# VULCAN/VULCANS
+ BIG
- SMALL
" EARTH
\ AND
= IS/AM/ARE
] HAS/HAVE
: MOON/MOONS
```

Using these words, a phrase like **I AM VULCAN** would be simply translated as **!=#**.

VULCAN IS SMALL AND EARTH IS BIG would be symbolized as **#=-\ "=+**.

He needs your help translating simple English phrases into the symbols they represent in a simple “word for word” manner.

Input: Several one-character non alphanumeric symbols, each followed by one or more words that symbol represents. Any multiple words for each symbol are separated by the / character. Following the list of symbol/word combinations are a listing of sentences, in all uppercase, to be translated into symbols. **Note:** the judges data may have more symbol/word pairs than shown in the sample data.

Output: The symbolic representation of each sentence.

Sample input:

```
! I/WE
# VULCAN/VULCANS
+ BIG
- SMALL
" EARTH
\ AND
= IS/AM/ARE
] HAS/HAVE
: MOON/MOONS
I AM VULCAN
VULCAN IS SMALL AND EARTH IS BIG
VULCAN AND EARTH HAVE MOONS
```

Sample output:

```
!=#
#=-\ "=+
#\ " ] :
```